



FEDERAL TRANSIT ADMINISTRATION

National Transit Database

May 14, 2015

Keith Gates
NTD Program Manager



2015 Southeastern Regional Transit Conference
**BUILDING LADDERS
OF OPPORTUNITY**
Through Transportation Networks

Georgia
Tech | School of Civil and
Environmental Engineering
College of Engineering



NTD Discussion Topics

- Status of MAP-21 Asset Management Program
- NTD safety reporting, summary & changes
- New NTD on-line reporting system
- NTD service consumed data

ASSET MANAGEMENT



Transit Asset Management (TAM) MAP-21 Overview Requirements



FTA Defines
*State of Good
Repair (SGR)*

FTA Establishes
SGR
performance
measures;
Recipients set
SGR targets
based on the
measures

Recipients and
subrecipients
develop TAM
Plans

Recipients
report asset
inventories and
condition
assessments

FTA provides
technical
assistance

TAM Resources

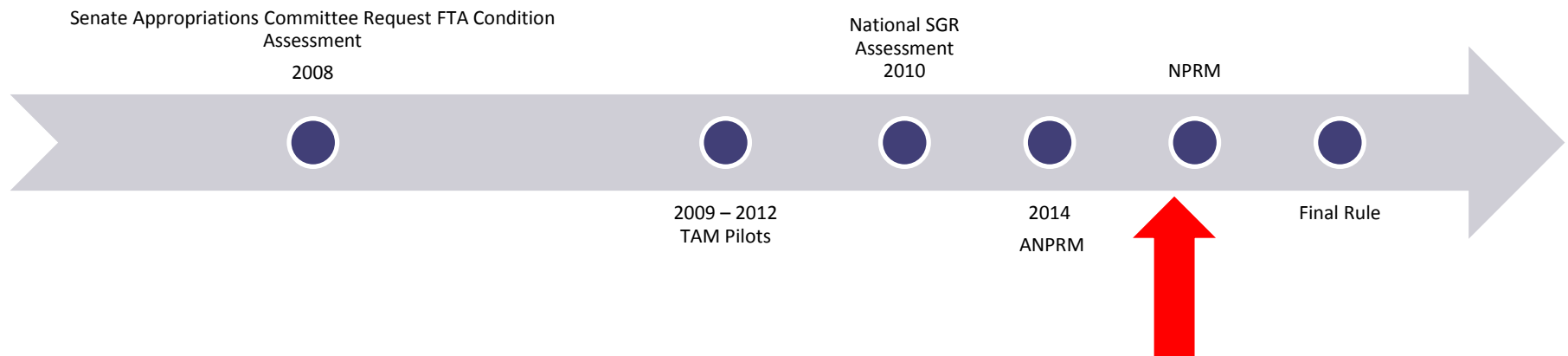
- Tools
 - TERM Lite (2013)
 - TCRP's Transit Asset Prioritization Tool (2014)
- Training
 - NTI's Introduction to Transit Asset Management Course (ongoing)
- Guides and Reports
 - Transit Asset Management Guide (2012)
 - Transit Asset Inventory Guide (2012)

FTA Outreach

- State of Good Repair Pilots (2011)
- Online Dialogue (2012)
- Advanced Notice of Proposed Rulemaking (2013)
- TAM Newsletter (2014)
- State of Good Repair/TAM Roundtable (2015)
 - June 3rd, by invitation only
- TAM Guide for small & rural operators (2016)

Next Steps

- Publish National TAM System NPRM
- Open NPRM Docket for comments



SAFETY



NTD Safety & Security

- 2015 Safety data still reported in the old NTD
- Commuter Rail only reports security incidents (FRA regulates their safety)
- Changes starting with 2016 reporting
 - Fed Register notice of January 28, 2015
 - “Incidents” now called “Events”
 - Report events when on transit-owned property (no longer when “related to revenue service”)
 - Latitude and longitude of major events

Monthly Safety Reporting

Must Report	Not Required to Report
<ul style="list-style-type: none">• Recipients/beneficiaries of Urbanized Area Formula (5307) program funds• All agencies designated as “Full Reporters”• Public and private providers who voluntarily provide full reports	<ul style="list-style-type: none">• Agencies designated as Reduced Reporters (Small Systems, Rural, & Tribal) who only need to provide an annual summary• Agencies that do not operate service (Building or Planning)• Agencies that are severely impacted by natural disaster (upon request)

When is Data Reported

- S&S-10 – Safety and Security Setup form
- S&S-20 – Safety and Security CEO Certification form
- S&S-30 – Security Configuration form
 - Due by **end of February**
- S&S-40 – Major Event Report form
 - Due **30 days of the date of the event**
- S&S-50 – Non-Major Monthly Summary Report form
 - Due at the **end of the following month**

What is Reported

Derailment (mainline or yard)
Collision
Fire
Hazardous material spill
Acts of God (nature)
Other Safety Occurrences not Otherwise
Classified (OSONOC)

System security:

- Suspicious package, bomb threat, bombing, CBR, arson, sabotage, cyber, burglary, vandalism, hijacking, other

Personal Security:

- Homicide, suicide, attempted suicide, assault, robbery, rape, motor vehicle theft, larceny

- Events occurring on transit right-of-way, in a transit revenue facility, in a transit maintenance facility, or involving a transit revenue vehicle
- Excludes occupational safety events occurring in administrative buildings

Major Event Reports


- Fatality (includes suicides)
- One or more injuries (people transported for medical attention)
- Evacuation of a transit facility or vehicle due to potentially unsafe conditions or evacuation onto a rail right-of-way
- Property damage equal to or exceeding \$25,000

Major Collision Events

- Involving a revenue transit vehicle where either vehicle requires towing
- Rail transit vehicle collisions occurring at grade crossings
- Rail transit vehicle collisions with an individual
- Rail transit vehicle collisions with any other rail transit vehicle
- All mainline or yard derailments including non-revenue vehicles

NTD REPORTING

NTD
National Transit Database
Federal Transit Administration



Contact the NTD Help Desk

Internet Reporting Login
Password and ID Required

NTD 2.0 Login

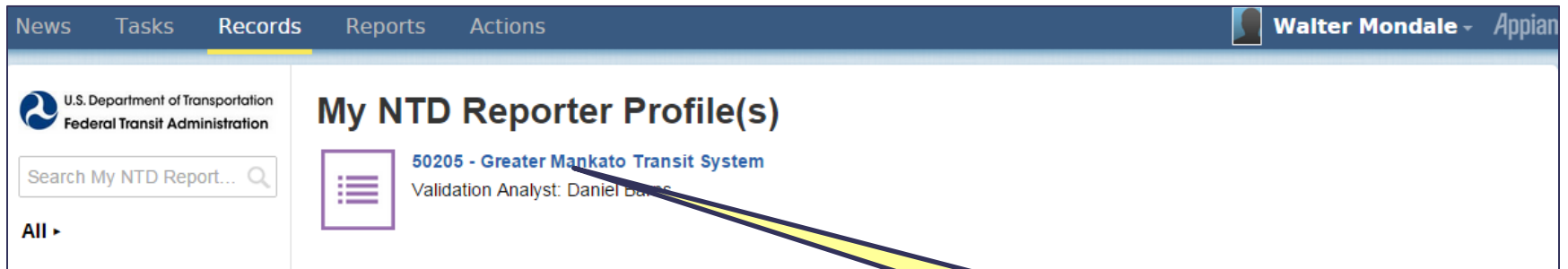
Updated Contact Information for Validation Support Staff

- [What is the NTD?](#)
- [How to Report/Get an ID](#)
- Reporting Manuals**
 - [2014 Policy Manual and User Guides](#)
 - [Urban Reporting](#)
 - [Monthly Reporting](#)
 - [Safety and Security Reporting](#)
 - [Rural Reporting](#)
 - [Sampling Manual](#)
 - [Small Systems Waiver Manual](#)
- Data, Publications and Reference Materials**
 - [NTD Glossary](#)
 - [NTD Reference Materials](#)
 - [NTD Transit Profiles](#)
 - [Access NTD Data](#)
- NTD Resources**
 - [FTA / NTD Presentations, Announcements and Updates](#)
 - [NTD Feedback](#)
 - [Seminars and Training](#)
 - [Transit Agency Listing by Region and Other External Links](#)
 - [Asset Inventory Module](#)
 - [Instructions for Registering User Managers](#)

Local System User Manager (LSUM)

- LSUM at each reporting agency approves (certifies) new users of FTA systems
 - NTD 2.0
 - TRAMS (updated TEAM)
- FTA requires each agency to identify a LSUM to FTA for “authentication”
 - TEAM users upload designation letter in TEAM
 - Non-TEAM users send letter to FTA NTD project manager in Washington DC

My NTD Reporter Profile(s)



The screenshot shows the 'My NTD Reporter Profile(s)' page in the FTA system. The top navigation bar includes 'News', 'Tasks', 'Records' (highlighted), 'Reports', and 'Actions'. The user 'Walter Mondale' is logged in. The left sidebar shows the 'U.S. Department of Transportation Federal Transit Administration' logo, a search bar labeled 'Search My NTD Report...', and a link 'All >'. The main content area is titled 'My NTD Reporter Profile(s)' and displays a list of reporting agencies. The first entry is '50205 - Greater Mankato Transit System' with a validation analyst 'Daniel Barnes'. A yellow callout box with a pointer indicates that the user should click on the reporting agency name.

News Tasks **Records** Reports Actions


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U.S. Department of Transportation
Federal Transit Administration

Search My NTD Report...

All >

My NTD Reporter Profile(s)

 **50205 - Greater Mankato Transit System**
Validation Analyst: Daniel Barnes

Click on reporting agency name

Profile Forms Page

- Click *View & Manage Basic Information (P-10)*




News Tasks **Records** Reports Actions

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U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions >
E-File Library
Form Library
MR Historical Report

Records / My NTD Reporter Profile(s)
50205 - Greater Mankato Transit System

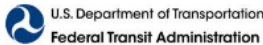
-  **View & Manage Basic Information (P-10)**
View and manage basic information depending on your permissions
-  **View & Manage Report Modes (P-20)**
View or manage report modes depending on your permissions
-  **View & Manage Reporters (P-30)**
View and manage reporters depending on your permissions

Click *View & Manage Basic Information (P-10)*

Basic Information (P-10)

[News](#) [Tasks](#) [Records](#) [Reports](#) [Actions](#)

Floyd Olsen Appia



Summary
News
Related Actions >
E-File Library
Form Library
MR Historical Report

50205 - Greater Mankato Transit System > View & Manage Basic Information (P-10)

Please complete the form below.

Name

*Reporter Name

Doing Business As

Acronym

Address

*Address (Line 1)

Address (Line 2)

PO Box

*City

*State

*Zip Code Zip Extension

Other

*DUNS Number

FTA Recipient ID

Website URL
Must begin with 'http://' or 'https://'

Save Cancel

View & Manage Users (P-30)


News


Tasks (1)

Records

Reports

Actions

 **Walter Mondale** ▾ Appia

 U.S. Department of Transportation
Federal Transit Administration

Summary

News

Related Actions ▸

E-File Library

Form Library

MR Historical Report

50205 - Greater Mankato Transit System > View & Manage Reporter Users (P-30)

You must have a CEO user in order to submit a Report Package.

<input type="checkbox"/>	Last Name	First Name	Role	PhoneNumber	E-Mail Address
<input type="checkbox"/>	Mondale	Walter	Viewer		walter.mondale@mankato.org

Add User

Edit Role

Deactivate User

View Details

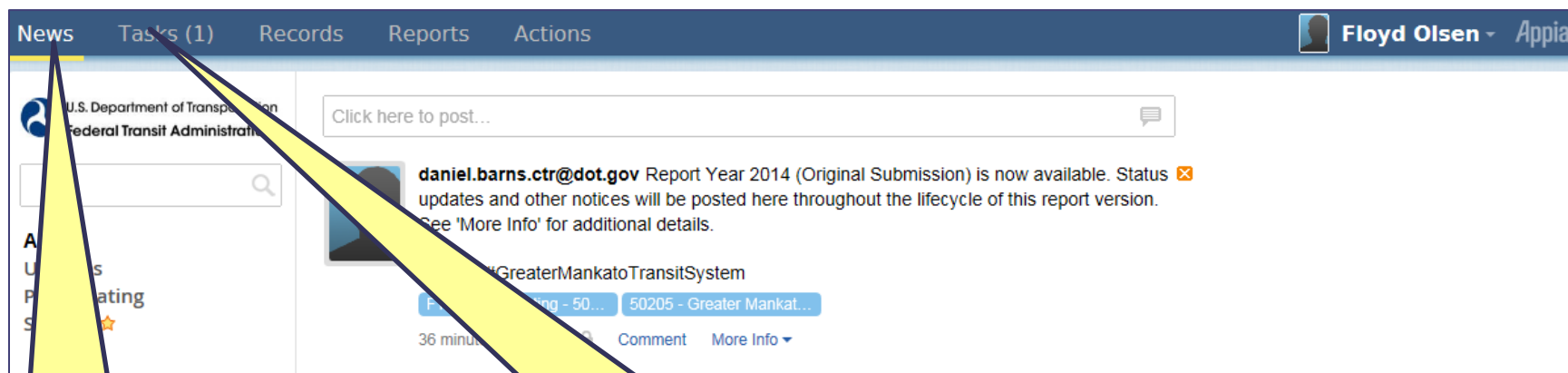
Close

Click to *Add User*

What is a Kickoff?

- Confirmation of current “profile” information at beginning of fiscal year
- Actions
 - Confirm reporter contact information is accurate.
 - Confirm mode information is accurate.
 - Confirm declared reporter type for previous FY is still accurate (e.g., small systems waiver)
 - Declare reporter type for new fiscal year

Kickoff Starts on News Page



News

Click on *Tasks* to start FY 2015 and FY 2014 Annual Reporting

How to Start Report Kickoff

The screenshot shows the 'Tasks (1)' tab selected in the top navigation bar. The left sidebar contains the FTA logo and the text 'U.S. Department of Transportation Federal Transit Administration'. Below this, there are filters for 'Assigned to Me', 'Sent by Me', and 'Starred'. The main content area displays a single task: '2015 Report Kickoff for Reporter 50205 - Greater Mankato Transit System'. The task is marked with a blue checkmark icon and a blue box. Above the task title, it says 'NTD 50205 CEOs, NTD 50205 NTD Primary Contacts'. Below the title, it says '38 minutes ago' and has a star icon. A yellow callout box with a black border points to the task title.

News Tasks (1) Records Reports Actions

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U.S. Department of Transportation
Federal Transit Administration

Assigned to Me
Sent by Me
Starred


Status
Open
Deadline
Overdue
Today
Within 7 days


NTD 50205 CEOs, NTD 50205 NTD Primary Contacts
2015 Report Kickoff for Reporter 50205 - Greater Mankato Transit System
38 minutes ago

Newest

Click on 2015 Report Kickoff task

Manage Modes

News Tasks (1) Records Reports Actions  **Floyd Olsen** Appiar

 U.S. Department of Transportation
Federal Transit Administration
[Save Changes](#)

50205 - Greater Mankato Transit System > View & Manage Reporter Modes (P-20)

Reporter Modes

<input type="checkbox"/>	Mode	Type of Service	Commitment Date	Start Date	End Date	FG/HIB	Seasonal Segments
<input type="checkbox"/>	Demand Response	Directly Operated	7/1/2011	7/1/2011		N/A	N/A
<input type="checkbox"/>	Bus	Directly Operated	7/1/2011	7/1/2011		N	N/A

Click to add mode

Click to edit/delete selected mode/TOS

- Add, edit, or end mode/TOS as needed

Previous Reporter Type Confirmation

News Tasks (1) Records Reports Actions

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Federal Transit Administration

Save Changes

2014 Fiscal Year Reporter Type Confirmation

Please answer the following questions to confirm the reporter type for the 2014 fiscal year.

Existing Reporter Type

Current Small Systems Reporter

*Change Type? ☐ Yes ☒ No

Select 'Yes' if you would like to indicate a different reporter type.

Continue Go Back Cancel

- Reporter type determines your required forms
- Click yes to go through questionnaire
 - Questions appear
 - Strongly suggested for first-time NTD 2.0 users even if they are confident about their type

Reporter Type Questionnaire

- 5307 beneficiary?
- Reporting under another NTD ID?
- Operating public transit service?
- Building new modes?
- Fixed guideway or high intensity bus?
- Operating less than 31 VOMS?
- Report with SSW?

Getting to “Forms” Page

News Tasks **Records** Reports Actions

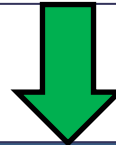
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U.S. Department of Transportation
Federal Transit Administration

All >

Records

- My NTD Reporter Profile(s)**
View my reporter profile(s)
- NTD Report Packages**
Report Packages which have not y
- Users**
Directory of users



News Tasks **Records** Reports Actions

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U.S. Department of Transportation
Federal Transit Administration

All >

NTD Report Packages

- FY 2015 Reporting - 50205 - Greater Mankato Transit System**
Original Submission - Working Data
4 minutes ago
- FY 2014 Reporting - 50205 - Greater Mankato Transit System**
Original Submission - Working Data
1 hour ago

Click to go to annual 2014 forms

Report Package Summary Screen


News

Tasks


Records

Reports

Actions

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Appia

 U.S. Department of Transportation
Federal Transit Administration

Summary >

News

Related Actions

Records / NTD Report Packages

FY 2014 Reporting - 50205 - Greater Mankato Transit System

Annual Forms

View Issues

NTD Validation Analyst

Name daniel.barns.ctr@dot.gov

Phone 434-299-8845

E-Mail daniel.barns.ctr@dot.gov

Report Information

Reporting Agency Greater Mankato Transit System

Fiscal Year Start 1/1/2014

Address 10 Civic Center Plaza

Fiscal Year End 12/31/2014

3368

Report Status Original Submission - Working Data

Mankato , MN 56002-3368

Reporter Type Small Systems Reporter

Report Package Forms

Annual Forms

Form Name	Mode/Type Of Service	Last Modified	Modified By	Open Issues	Total Issues
Identification (B-10)				0	0
Stations and Maintenance Facilities - DO - (A-10)	MB DO			0	0
Stations and Maintenance Facilities - DO - (A-10)	DR DO			0	0
Revenue Vehicle Inventory (A-30)	MB DO			0	0
Revenue Vehicle Inventory (A-30)	DR DO			0	0
Reduced Reporting (RR-20) - Small Systems				0	0
Federal Funding Allocation Statistics (FFA-10)	MB DO			0	0
Federal Funding Allocation Statistics (FFA-10)	DR DO			0	0
CEO Certification (D-10)				0	0

Click Related Actions

Report Packages Screen

The screenshot shows the 'Records' tab selected in the top navigation bar. The left sidebar contains the FTA logo and links for 'Summary', 'News', and 'Related Actions >'. The main content area displays the breadcrumb 'Records / NTD Report Packages' followed by the title 'FY 2014 Reporting - 50205 - Greater Mankato Transit System'. Below the title are two links, each preceded by a yellow lightning bolt icon: 'Annual Forms' and 'View Issues'. The 'Annual Forms' link has a description: 'View or manage all Annual Forms associated with this package'. The 'View Issues' link has a description: 'View or manage validation issues associated with this report package'. A yellow callout box with a black border points to the 'Annual Forms' link, containing the text 'Click Annual Forms'.

News Tasks **Records** Reports Actions

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U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions >

Records / NTD Report Packages

FY 2014 Reporting - 50205 - Greater Mankato Transit System

Annual Forms
View or manage all Annual Forms associated with this package

View Issues
View or manage validation issues associated with this report package

Click *Annual Forms*

Individual Annual Forms by Mode/TOS

News Tasks (1) Records Reports Actions Floyd Olsen - Applia

U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions >

50205 - Greater Mankato Transit System > RY 2014 Report Package > Annual Forms

Add Contractual Relationship

2. Click View Form

New Form Close

Available Modules
All

Annual Forms

<input type="checkbox"/>	Form Name	Mode/Type Of Service	Last Modified	Modified By	Open Issues	Total Issues
<input type="checkbox"/>	Identification (B-10)				0	0
<input type="checkbox"/>	Contractual Relationship (B-30) - Gustavus Taxi Company				0	0
<input type="checkbox"/>	Stations and Maintenance Facilities - DO - (A-10)	MB DO			0	0
<input type="checkbox"/>	Stations and Maintenance Facilities - DO - (A-10)	DR DO			0	0
<input type="checkbox"/>	Revenue Vehicle Inventory (A-30)	DT PT			0	0
<input type="checkbox"/>	Revenue Vehicle Inventory (A-30)	MB DO			0	0
<input type="checkbox"/>	Revenue Vehicle Inventory (A-30)	DR DO			0	0
<input type="checkbox"/>	Reduced Reporting (RR-20) - Small Systems				0	0
<input type="checkbox"/>	Federal Funding Allocation Statistics (FFA-10)	DT PT			0	0
<input type="checkbox"/>	Federal Funding Allocation Statistics (FFA-10)	MB DO			0	0
<input type="checkbox"/>	Federal Funding Allocation Statistics (FFA-10)	DR DO			0	0
<input type="checkbox"/>	CEO Certification (D-10)				0	0

1-12 of 12

Add Contractual Relationship

2. Click View Form

New Form Close

1. Check box for specific form and mode/TOS

Identification Form (B-10)

- Broken into sections
 - Organizational type
 - Demographic information
 - Filing a separate NTD report (seller)



Stations Maintenance Facilities (A-10)

News


Tasks

Records

Reports

Actions

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 U.S. Department of Transportation
Federal Transit Administration

Summary

News

Related Actions ▸

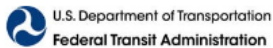
Stations and Maintenance Facilities - DO - (A-10) - MB DO

50205 – Greater Mankato Transit System (Small Systems Reporter) - RY14 Original Submission (Working Data)

Passenger Stations - Number of Facilities

Americans with Disabilities Act of 1990 (ADA) accessible	Escalators			
<input type="text" value="0"/>	<input type="text" value="0"/>			
Americans with Disabilities Act of 1990 (ADA) non-accessible	Elevators			
<input type="text" value="0"/>	<input type="text" value="0"/>			
Total Stations				
<input type="text" value="0"/>				
Number of Multi-Modal Stations				
<input type="text" value="0"/>				
Type	Owned	Leased from Another Public Agency	Leased from a Private Entity	Totals
General Maintenance Facilities (Less than 200 Vehicles)	<input type="text" value="0.90"/>	<input type="text"/>	<input type="text"/>	0.90
General Maintenance Facilities (Between 200 - 300 Vehicles)	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
General Maintenance Facilities (Greater than 300 Vehicles)	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
Heavy Maintenance Facilities	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
Totals	0.90	0.00	0.00	0.90

Revenue Vehicle Inventory (A-30)



Summary

News

Related Actions ▶

Revenue Vehicle Inventory (A-30) - MB DO

50205 – Greater Mankato Transit System (Small Systems Reporter) - RY14 Original Submission (Working Data)

Fleets

To edit all fleet-related information, select one fleet then select 'Edit Fleet' at the bottom. To update the mileage of many fleets at once, select all applicable fleets and choose 'Update Mileage(s)' at the bottom

<input type="checkbox"/>	RVI ID	Total Veh.	Active Veh.	Vehicle Type	Mfc.	Model	Mfc. Year	Miles This Year	Avg Lifetime Miles	Status
<input type="checkbox"/>	54069	3	3	BU	INT	Aeroelite	2005	N/A	N/A	Active
<input type="checkbox"/>	54070	2	2	BU	INT	Aeroelite	2004	N/A	N/A	Active
<input type="checkbox"/>	54071	2	2	BU	BBB	L4RE	2006	N/A	N/A	Active
<input type="checkbox"/>	54072	1	1	BU	BBB	L4RE	2007	N/A	N/A	Active
<input type="checkbox"/>	54073	3	3	BU	GIL	LF	2010	N/A	N/A	Active
<input type="checkbox"/>	54074	1	1	BU	GIL	LF	2008	N/A	N/A	Active
<input type="checkbox"/>	59147	1	1	BU	GIL	LF	2012	N/A	N/A	Active

1-7 of 7

Fleet Totals

Vehicles	Active Veh.	Active ADA Accessible Veh.	Emergency Contingency Veh.	Annual Mi.
13	13	13	0	0

1. Select existing fleet(s)

2. Click for *Updates/Edit* to selected existing fleet

Update Mileage(s)

Edit Fleet

Add Fleet


Save

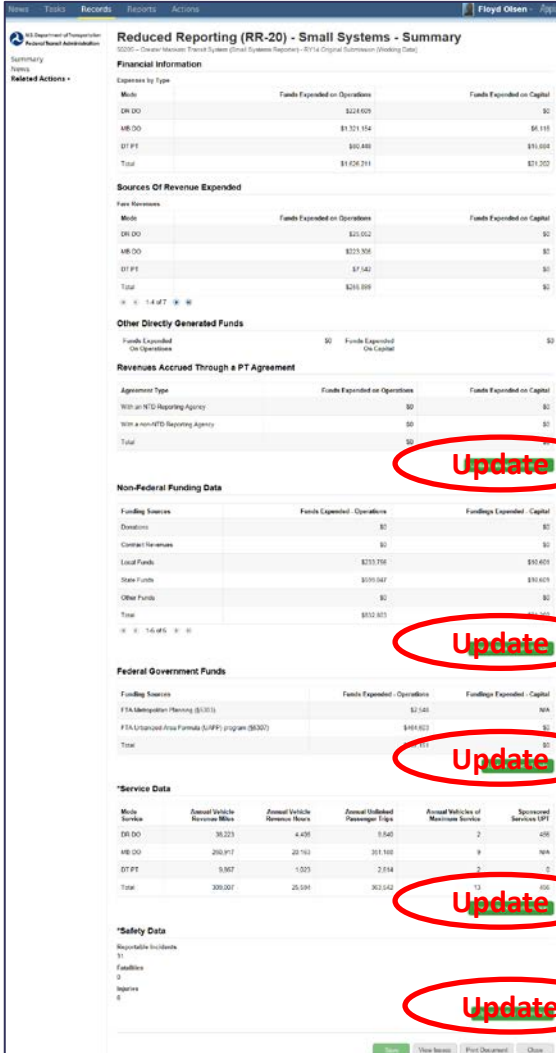
View Issues

Print Document

Close

Reduced Reporting (RR-20)

- Broken into sections
 - Financial Information
 - Non-Federal Funding Data
 - Federal Government Funds
 - Service Data
 - Safety Data
- Click update icons  to update sections



Reduced Reporting (RR-20) - Small Systems - Summary

Summary

Financial Information

Expense by Type	Funds Expended on Operations	Funds Expended on Capital
Mode		
DR-DO	\$224,625	\$0
MR-DO	\$1,321,154	\$6,118
OT-PF	\$60,448	\$11,608
Total	\$1,606,227	\$17,726

Sources Of Revenue Expended

Funds Expended on Operations	Funds Expended on Capital
DR-DO	\$224,625
MR-DO	\$223,308
OT-PF	\$7,140
Total	\$455,073

Other Directly Generated Funds

Funds Expended on Operations	Funds Expended on Capital
\$0	\$0

Revenues Accrued Through a PT Agreement

Agreement Type	Funds Expended on Operations	Funds Expended on Capital
With an NTD Reporting Agency	\$0	\$0
With a non-NTD Reporting Agency	\$0	\$0
Total	\$0	\$0

Non-Federal Funding Data

Funding Source	Funds Expended - Operations	Funds Expended - Capital
Donations	\$0	\$0
Contract Revenue	\$0	\$0
Local Funds	\$233,758	\$10,408
State Funds	\$109,587	\$10,629
Other Funds	\$0	\$0
Total	\$343,345	\$21,037

Federal Government Funds

Funding Source	Funds Expended - Operations	Funds Expended - Capital
FTA Unexpended Planning (50101)	\$2,140	\$0
FTA Unexpended Area Formula (50101) program (5020)	\$414,103	\$0
Total	\$416,243	\$0

*Service Data

Mode	Annual Vehicle Revenue Miles	Annual Vehicle Revenue Hours	Annual Unfilled Passenger Seats	Annual Vehicles of Maximum Service	Spurround Service (SP)
DR-DO	38,223	4,435	1,140	2	498
MR-DO	269,917	28,763	38,168	9	104
OT-PF	9,867	1,023	2,014	3	0
Total	398,007	34,221	41,322	14	602

*Safety Data

Reportable Incidents
31
Fatalities
0
Injuries
0

Customized Federal Funds Reporting

News Tasks **Records** Reports Actions Floyd Olsen - Appiar

U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions >

Reduced Reporting (RR-20) - Small Systems - Manage Federal Government Funding Sources

50205 - Greater Mankato Transit System (Urban Subrecipient) - RY14 Original Submission (Working Data)

Did you expend any funds under any of the following funding sources?
Select the source(s) that apply.

<input type="checkbox"/>	Federal Funding Source
<input checked="" type="checkbox"/>	FTA Metropolitan Planning (\$5303)
<input checked="" type="checkbox"/>	FTA Urbanized Area Formula (UAFP) Program (\$5307)
<input type="checkbox"/>	FTA Clean Fuels Program (\$5308)
<input type="checkbox"/>	FTA Capital Program Funds (\$5309)
<input type="checkbox"/>	FTA Special Needs of Elderly Individuals and Individuals with Disabilities Formula Program (\$5310)
<input type="checkbox"/>	FTA Other Than Urbanized Area Formula Funds (\$5311)
<input type="checkbox"/>	FTA Job Access and Reverse Commute Formula Program (\$5316)
<input type="checkbox"/>	FTA New Freedom Program (\$5317)
<input type="checkbox"/>	FTA Transit in the Park (\$5320)
<input type="checkbox"/>	ARRA TIGGER (Greenhouse Gas and Energy Reduction) Funds
<input type="checkbox"/>	Other FTA Funds
<input type="checkbox"/>	Funds Received from Other USDOT Grant Programs
<input type="checkbox"/>	ARRA TIGER Multimodal Discretionary Funds
<input type="checkbox"/>	Other Federal Funds
<input type="checkbox"/>	Other Funds

1-15 of 15

1. Click to select funding sources

2. Click when completed

Continue Cancel

Federal Funding Allocation Statistics (FFA-10)

News Tasks **Records** Reports Actions Floyd Olsen Appian

U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions ▶

Federal Funding Allocation Statistics (FFA-10) - MB DO - Summary

50205 – Greater Mankato Transit System (Small Systems Reporter) - RY14 Original Submission (Working Data)

FFA-10 Data

*UZA Reporting Method

Actual Vehicle Revenue Miles
-- Please select a value --
Actual Vehicle Revenue Miles
Actual Data
Other

Item

UZA				456	
Total VRH	20,163	0	0.00%	20,163	0%
Total UPT	351,188	0	0.00%	351,188	0%
NFG VRM	260,917	0	0.00%	260,917	0%
NFG OE	\$1,321,154	\$0	0.00%	1,321,154	0%

Current UZAs Show

Click to select UZA Reporting Method

Click to move from UZA to UZA


Previous Next


Click **Save** before closing

Save View Issues Print Document Close

CEO Certification (D-10)

- Completed in a sequence of 3 screens

News Tasks **Records** Reports Actions  Floyd Olsen - Appia

 U.S. Department of Transportation
Federal Transit Administration

Summary
News
Related Actions >

CEO Certification (D-10)

50205 – Greater Mankato Transit System (Small Systems Reporter) - RY14 Original Submission (Working Data)

Overall Accuracy Unlinked Passenger Trip Data

I hereby certify the following concerning the financial and non-financial / operating data submitted in the Greater Mankato Transit System NTD report for its fiscal year ending 12/31/2014.

CEO Name CEO Mankato CEO Title CEO

Overall Accuracy of the NTD Annual Report

The financial and non-financial operating data in this submission are accurate and truthful records of the financial transactions and operations of Greater Mankato Transit System.

Is the statement above accurate and truthful? *

☐ Yes
☐ No

Conformance to FTA NTD Manuals & USOA

The financial and non-financial operating data in this submission conform in all material respects with the accounting and definitional requirements of the Federal Transit Administration's (FTA) National Transit Database (NTD) Reporting manuals and Uniform System of Accounts (USOA).

Is the statement above accurate and truthful? *

☐ Yes

Click Save before going to next screen

Save View Issues Print Document Close Next

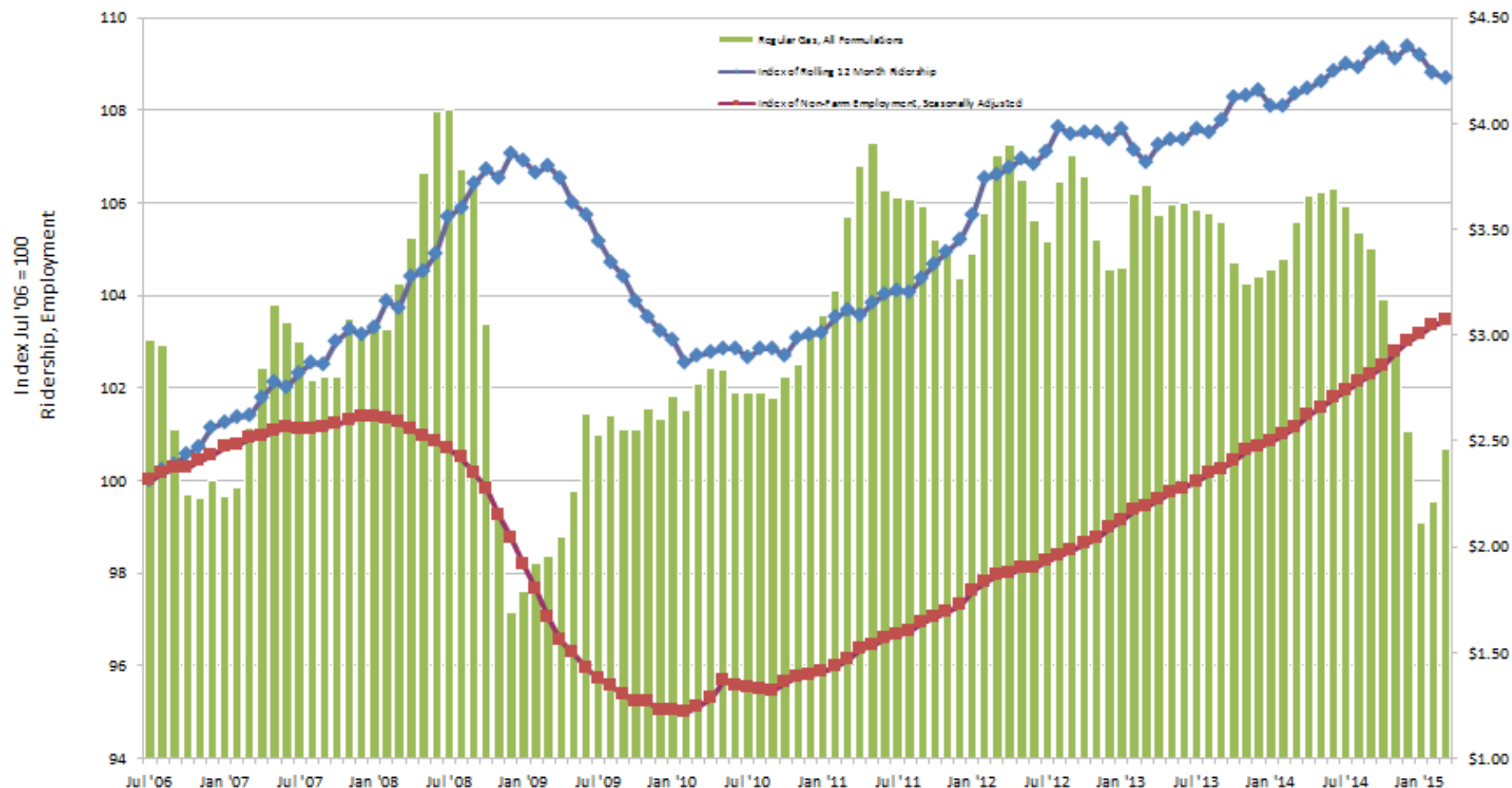
Click Next to go to next screen

Training

- NTD Website training page:
<http://www.ntdprogram.gov/ntdprogram/seminars.htm>
- National Transit Institute, NTD courses:
<http://www.ntionline.com/courses/courseinfo.php?id=7>
- NTD Website presentations page:
<http://www.ntdprogram.gov/ntdprogram/announcements.htm>

NTD Service Consumed

Transit Ridership vs. Employment



Service Consumed Data

- Reporting service consumed to the NTD
 - Unlinked Passenger Trips (UPT)
 - Passenger Miles Traveled (PMT)
- Reduced Requirements for Small Systems
 - No PMT



Sources of Data

- If available, you must report data based on a 100% count, if not, you must sample
- To measure UPT and trip length you may use
 - manual passenger counts
 - ticket information
 - registering fare boxes
 - automatic passenger counters

Stories from the Ops Center

Rochester

- Experienced a 28.8% increase in UPTs for their MB/DO mode between RY 2011 and RY 2012 (from 17.5M to 22.5M)
- They were counting UPTs using passenger fares before switching to APCs in 2012

San Diego

- Old estimation method used the number of one-way tickets sold, which dropped significantly when day passes replaced transfers
- installed APCs on their light rail system in FY 14 and UPT increased by 10 million

100% UPT Counts

- If you have 100% counts you must report them
 - all passengers counted each time they board an in-service transit vehicle.
- 100% count systems may miss up to 2% of total passengers
 - For personnel problems or equipment failures
 - May adjust data to account for the missing trips
- If the missing data exceeds 2% of total trips
 - Follow sampling rules

100% PMT Counts

- If you have 100% counts you must report them
 - all passengers counted each time they board and alight an in-service transit vehicle.
- Generally only available for rail modes with a distance-based fare system.
- 2% missed-data rule applies

Sampling Requirements

- FTA requirements are:
 - Minimum confidence of 95%; and
 - Minimum precision level of ± 10 percent
- The required precision level (± 10 percent) applies to the annual total data
 - For all mode/type of service combinations
 - Precision levels of data for average day schedules, will be larger if minimum sample size for total is used

Sampling Cycle for PMT

Exhibit 31 - Sampling Cycle Requirements				
TOS	Primary UZA Population	DO VOMS All Modes	Mandatory Year	100% Count of UPT Required?
DO	$\geq 500,000$	≥ 100	Annually	No
DO	$\geq 500,000$	< 100	Triennially	Yes
DO	50,000 - 499,999	Any number	Triennially	Yes
PT	$\geq 50,000$	Any number	Triennially	Yes

- Estimate PMT data by multiplying the average trip length from the most recent mandatory year by the UPT for the current year

Sampling Documentation

- You must retain sampling documentation in your files
 - A description of the estimation method that specifies the parameters used
 - Signed review by a **qualified statistician**
 - A summary of the statistician's education and experience
- FTA Sampling Manual
 - Provide ready-to-use plans for new systems
 - Provides template sampling plans
 - Provides guidance for statistician-consultants

APC Documentation

- To use APC data you must get *prior* FTA approval
 - For either sampling or a 100% count
- FTA must approve your agency APC plans
 - Validation of the APC data for UPT and PM data against a separate manual sample covering a full year
 - APC maintenance plan for subsequent years

Annual APC Calibration

- Compare APC UPT/PMT to data collected manually
 - Baseline of at least 100 bus runs using ride checkers
 - Runs do not need to be randomly distributed
 - Separate samples of at least 100 trips for each mode
- Examine the statistical variance between the two data sets
- Make appropriate adjustments as needed
- Submit results to NTD annually

Total Trips						Total Manual Counts		Manual Load	Total APC Counts		APC Load	Manual Ave Pass Trip	APC Ave Pass Trip Length	Manual PMT	APC PMT
2						48	45		44	44				647.661	614.1
Bus	Date	Route	Block	Trip	Stop ID	Stop Address	Ons	Offs		Ons	Offs				
9052	12/2/2013	811	2060	1822	198119	700 E @ 11796 S	9	0	9	10		10	13.49294	13.95682	647.661303
					198127	12300 S @ 159 E	0	1	8		1	9	1.521413		13.6927147
					801264	ASHTON BLVD @ 3101 N	5	2	11	5	2	12	8.595581		68.7646497
						@ 2503 W	0	0	11			12	0.424778		4.67256152
						2302 W	0	0	11			12	0.730322		8.03354176
						099 N	0	0	11			12	1.06065		11.6671539
						59 N	0	2	9			12	0.341558		3.75714119
						55 W	0	1	8			12	0.491263		4.4213706
							0	0	8		1	11	0.388453		3.10762326
							0	0	8		1	10	0.548874		4.3909917
							0	0	8			10	0.469068		3.75254594
							0	0	8			10	0.637385		5.09907701
							0	1	7		1	9	0.415621		3.32496725
							1	3	5	1	3	7	0.568526		3.97968343
							1	0	6	1		8	0.141686		0.70843155
							0	0	6			8	0.265232		1.59139237
							0	0	6			8	0.246079		1.47647202
							0	0	6			8	0.212523		1.27514081
							0	0	6			8	0.132989		0.79793574
							0	1	5		1	7	0.116202		0.69721393
							0	0	5			7	0.384725		1.9236251
							0	1	4		1	6	0.146648		0.73323925
							0	0	4			6	0.555498		2.22199187
							0	0	4			6	0.248613		0.99445053
							0	3	1		3	3	8.09978		32.399121
							0	0	1			3	0.328177		0.32817738
							0	0	1			3	0.498234		0.49823372
							0	0	1			3	0.216873		0.21687292
							1	1	1			3	0.298912		0.29891241
						UNIVERSITY PKY @ 532 E	1	2	0			3	0.326946		0.32694578
					817358	750 E @ 1145 S	0	0	0	3	0	0	0.671165		0

NTD Reporting

Ridership Estimation Methodology
November 2013



Worcester Regional Transit Authority
Worcester, Massachusetts

Nancy Edmonson
Qualified Statistician
Houston, Texas

In cooperation with
RSM Services Corporation
Houston, Texas

National Transit Database Offices

- **NTD Operations Center**


- Charlottesville, Virginia
- Monday to Friday: 0800 –1900 Eastern
- (888) 252-0936
- NTDHelp@dot.gov



NTD Help Desk

- **NTD Program Office**

- Washington, DC
- Keith Gates, Program Manager
- (202) 366-1794
- keith.gates@dot.gov



Me, email works best

Questions?

Don't Forget the Survey!

Please remember to complete the survey for this session by visiting the Guidebook App or

<http://goo.gl/forms/hhOzdnpmKK>

- Choose “Thurs., 9:30 a.m. - Overview of NTD Reporting” from the dropdown list

Special Thanks to Our Vendors & Sponsors!

The logo for HNTB, featuring the letters "HNTB" in a bold, dark blue sans-serif font. The letter "H" is stylized with an orange square on its left vertical bar.The logo for wendel, featuring a stylized graphic of three overlapping squares in light blue, green, and dark blue, followed by the word "wendel" in a dark blue sans-serif font.The logo for HDR, featuring the letters "HDR" in a bold, dark grey sans-serif font.The logo for the National Rural Transit Assistance Program (RTAP). It features the text "National RTAP" in a green sans-serif font, with "RTAP" being larger and bolder. To the right is a circular logo divided into a light blue upper half and a green lower half. Below the text is the full name "Rural Transit Assistance Program" in a smaller green font.The logo for RouteMatch Software. It features a stylized graphic of three interlocking cubes in blue and yellow, followed by the text "RouteMatch" in a blue sans-serif font, with "Match" being larger and bolder. Below "RouteMatch" is the word "Software" in a smaller, italicized blue font.